

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-281959  
 (43)Date of publication of application : 27.10.1995

(51)Int.CL

G06F 12/16  
 G06F 3/06  
 G11B 20/10  
 G11B 20/18

(21)Application number : 06-072976  
 (22)Date of filing : 12.04.1994

(71)Applicant : FUJI ELECTRIC CO LTD  
 (72)Inventor : ISATO NOBUHIKO

## (54) REDUNDANCY SYSTEM FOR DISK STORAGE

### (57)Abstract:

**PURPOSE:** To provide a redundancy system which substantially needs no cost just with addition of a disk storage, can perform the fast read/write operations and also virtually applies no software burden to a computer.

**CONSTITUTION:** A read/write means 20 which controls the transfer of the data and their relative signals in response to an interface 1a of a computer 1 is built into each disk storage 10 together with a control means 30 which controls the internal operations of the storage 10. A primary/secondary device setting means 40 designates a primary or secondary device to each storage 10, and both devices are connected together by a contact line 50 used for the contact signals CS. In a data write mode, the contact is secured between the means 30 of both primary and secondary devices by the signal CS. At the same time, the means 20 of both primary and secondary devices are simultaneously actuated for execution of a write operation. Meanwhile only the means 20 of the primary device is actuated for execution of a read operation.

